

What is the Central Data Exchange?

The States and EPA are implementing a National Environmental Information Exchange Network.

This network will improve collection, management, and sharing of environmental information among States, Tribes, localities, and EPA to help achieve shared environmental goals. An important component of this network is a central point through which data will flow into and out of EPA. This central point is the Agency's Central Data Exchange (CDX).

What does CDX do?

- ◆ Receives air emission inventory data submitted in two formats:
 - Flat file in National Emission Inventory (NEI) Input Format (NIF)
 - Extensible markup language (XML)
- ◆ Virus scans and logs the transaction
- ◆ Acknowledges receipt of the submitted file
- ◆ Provides security by authenticating the data and preserving the contents of the original transmission that satisfies EPA security requirements
- ◆ Archives the inbound data
- ◆ Notifies the Emission Factor and Inventory Group (EFIG) that files have been submitted

Why CDX?

For air emission inventory submissions, CDX is the new electronic data flow. CDX helps EPA achieve its commitment to implementing the blueprint for a National Environmental Information Exchange Network (Network Blueprint).

What are the benefits?

- ◆ Enhances security to protect data exchanges over the Internet
- ◆ Provides user-friendly electronic exchange
- ◆ Supports the Network Blueprint vision
- ◆ Facilitates the use of standard transmission formats with State/EPA trading partners
- ◆ Helps States and EPA coordinate and take advantage of emerging technologies such as XML and active data retrieval

What is needed to submit data through CDX?

- ◆ Internet Access and a Web browser
- ◆ Completion of a simple registration process
- ◆ Proficiency with the NIF to submit emission inventory flat files, or
- ◆ Ability to generate an XML file for data exchange (see inside)

When should CDX be used?

Air emission inventory information can be submitted to EPA through CDX beginning this year, as part of the annual update cycle for EPA's National Emission Inventory (see www.epa.gov/ttn/chief/net/nei_plan.pdf for this year's update schedule).

Is there more information?

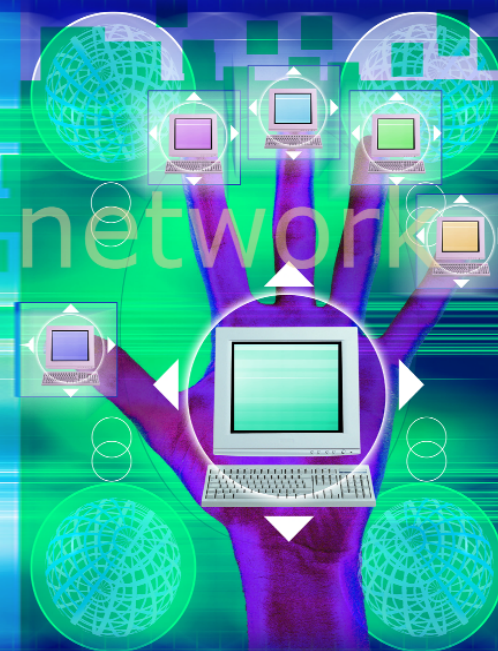
More information about CDX technologies can be found at www.epa.gov/cdx.



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Central Data Exchange For Air Emissions Inventory

A Blueprint for the Future



Submitting Air Emission Inventories Through CDX

